APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(DC-6980)

MYCERIN -- A NEW SOVIET BROAD-SPECTRUM ANTIBIOTIC, BY KH. KH. PLANEL'YES, XXX 19 PP.

RUSSIAN, BK, MITSERIN, 1961, PP 5-8, 305-308.

JPRS 14960

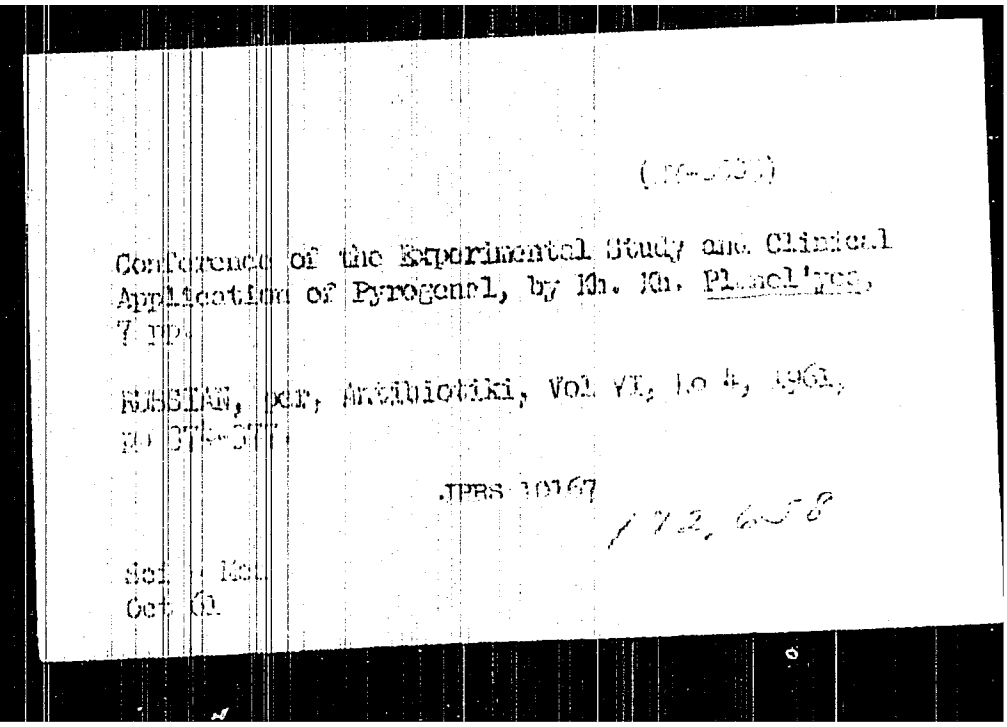
SCI - MED

AUG 62

209,187

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



(U-[illegible])

Conference on the Experimental Study and Clinical Application of Pyrogenal, by Kh. Kh. Plaul'nis, 7 pp.

RUSSIAN, Ed., Antibiotiki, Vol VI, No 4, 1961, pp 377-379.

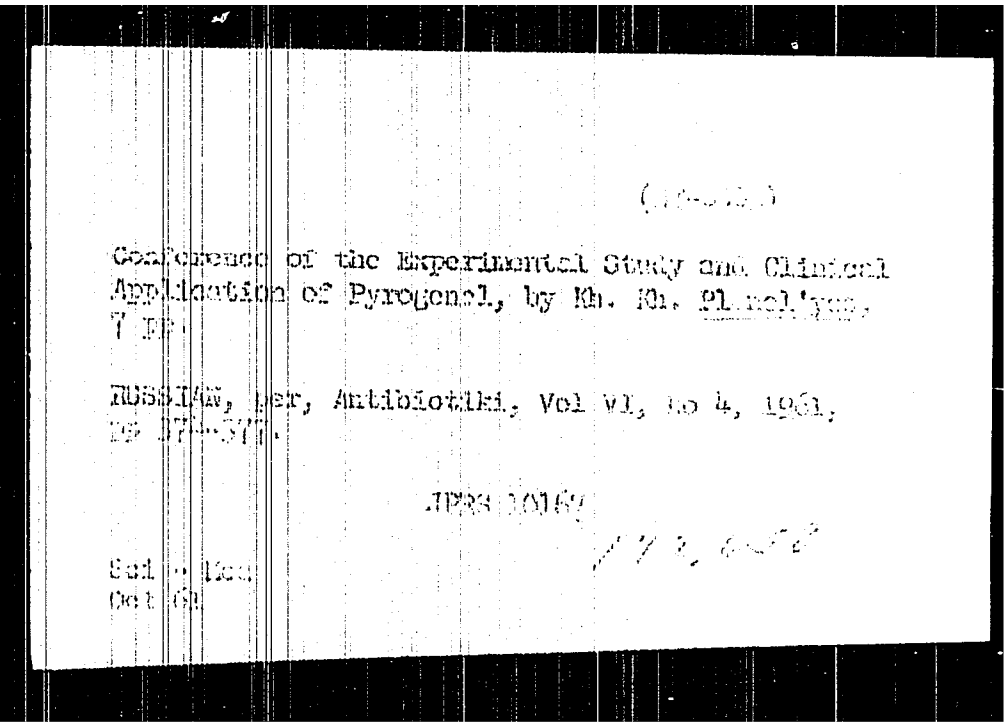
JPRS 10167

/ 72, 2-58

Sel Mat
Oct 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



(...)

Conference on the Experimental Study and Clinical Application of Pyrogenal, by Kh. Kh. Plotnikova, 7 Pp.

RUSSIAN, Ter, Antibiotiki, Vol VI, No 4, 1961, pp 377-377.

JPRS 10167

Sal - Mar
Oct 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Sensitivity of the Causative Agents of Infections to Chemotherapeutic Drugs and the Efficacy of Chemotherapy, by Kh. Kh. Planelyes; 7 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXX, No 6, 1959, pp 3-9.

PP

Sol

Aug 60

123,575

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Magnetism. The Magnetic Sesqui-Oxide of Iron,
by H. Abraham, R. Planiol, 2 pp.

FRENCH, per, Comptes Rendus, No 18, 4 May 1925,
p 1328.

SIA 57-1466

May 58

63,850

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Colorimetric Determination of Cerium, by E. Plank, 4 pp.

GERMAN, per, Z Anal Chem, Vol CXVI, 1939, pp 312-315.

ATS 85L30G

Sci - Chem
Sep 59
Vol 2, No 2

97 965

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Simplified Determination of a Linear Resonator's Oscillation Laws in the Stationary Radiation Fiel$, by Max Planck, 9 pp.

GERMAN, per, Physikalische Zeitschrift, No 36, 25 May 1901.

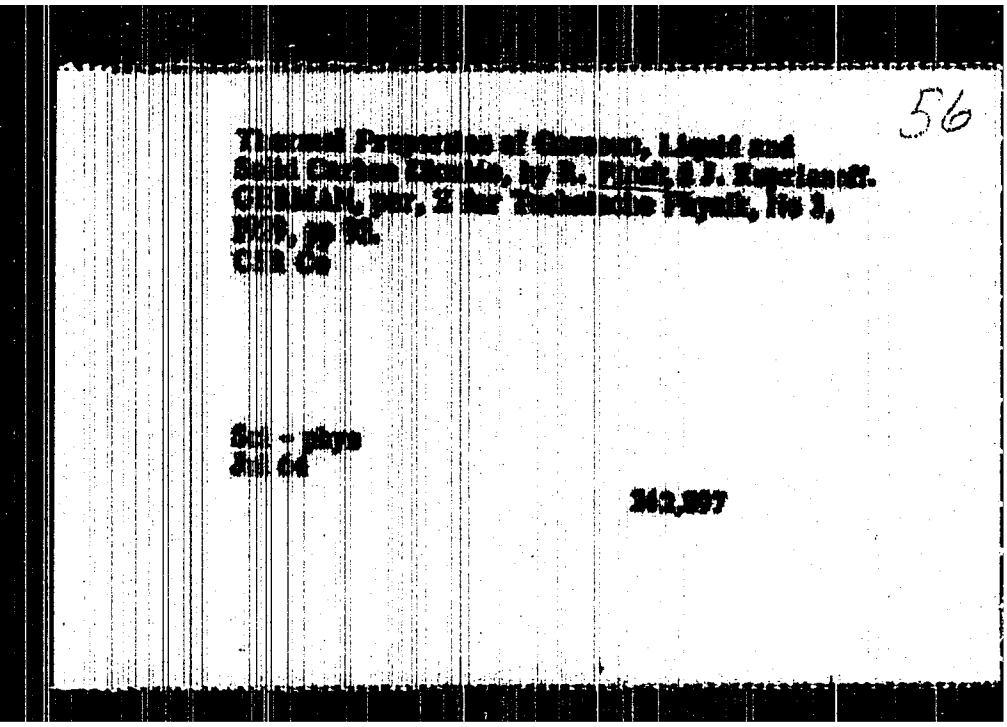
CIA/FTD K-4263

Sci - Physics
May 60

116,325

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



56

342,397

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Thermo-Electric Refrigeration, by R. Plank, 19 pp.

GERMAN, per, Kaltetechnik, Vol X, 1958, p 3.

SIA 59-12947

Sci -
Jun 60
Vol III, No 5

119,154

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plank, R.

THE THERMODYNAMIC PROPERTIES OF HELIUM (Die Thermodynamischen Eigenschaften von Helium) tr. by Frank E. E. Germann. Mar 62 [5]p. (foreign text included).

Order from OTS or SLA $1.10 62-25668

Trans. of Kältetechnik (West Germany) 1961, v. 13, no. 6, p. 229.

DESCRIPTORS: *Helium, *Thermodynamics, Liquefied gases, Boiling.

(Physics--Thermodynamics, TT, v. 9, no. 11)

62-25668

I. Plank, R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Une equation d'etat de l'ammoniac liquide, by
R. Plank, 6 pp.

GERMAN to FRENCH, per, Kaltetechnik, Vol XII,
No 10, 1960, pp 282, 283.

Reverse Translation
CEA-A-1450

Sc1
Mar 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Preservation of Fish by the Freezing Process, by R. Plank, E. Ehrenbaum, K. Reuter. UNCL

GERMANY, per, Z Ges Kalteind, Vol XXIII, No 4, 1916, pp 37-42.

DSIR/37010/CT

Sci - Biol, food preservation
Nov 59

99,790

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Development of a Rational Vapor-Pressure Formula, by R. Plank, 18 pp.

GERMAN, per, Chem Ingenieur-Tech, Vol XXII, No 20, 1950, pp 433-436.

NACA CN-4950

Sci - Chemistry

51,950

Aug 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Possibilities of Substituting Nitrogen for Nickel in Corrosion-resistant Austenitic Cr-Ni Steels. By S. Plankensteiner
CERAM, Symposium on Stainless Steels (Prague) 1961, pp. 19.
B161 7015

S. Plankensteiner

Sci/mat
Dec 69

398,852

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Thin Sheet Mill Rolls From S.G. Iron, by
A. V. Plenkins.

RUSSIAN, por. Stal', Vol XXIII, No 6, 1963,
pp 544-546.

NLL Ref: 5828.4 1963 (5410) (Loan)

Sci + Engr
Web

248,610

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

[redacted]

Experience in the Use of Heavy Cast Steel
[redacted] Rolls, by A. V. Plankina, et al, 3 pp.

RUSSIAN, per, Stal, No 2, 1962, pp 141-145.

BISI

Sci

Jul 62

205,527

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Durability of Ingot Moulds at the Kuznetsk Metallurgical Combine, by Plankina, O.V.

RUSSIAN, no per, Stal, No 4, 1957, pp 362-365.

[redacted] Tr 534

Sci - Min/met
Jan 58

57,713

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(FID 28039)

Brucellosis -- Organizational-Methodological Materials, by V. M. Zhdanov, Z. A. Plesskina, 216 pp.

RUSSIAN, bk, Brucellez, Moscow, 1955, pp 3-119.

CIA/FDD V-8315

38,200

USSR
Sel - Medicine, brucellosis

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

On the Anticoagulant Action and Storage of 38
Amylene Sulfuric Acid Esters, by H. Husemann,
B. Plannemueller, H. Schill, W. Hertlein.
GERMAN, per, Zeitschrift fuer Naturforschung,
Vol 12B, No 7, 1957, pp. 427-33.
NTC 69-11772-06A

B. Plannemueller

Sci-Tech
July 60

387,536

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Planovskii, A. N. and Bulatov, C. N.
CALCULATION OF THE SEPARATING CHAMBER OF COLUMN EXTRACTORS WITH PERFORATED PLATES
A. G. Hamlin, tr. 1963 [5p] 2refs TRG Information Series 278 (R).
Order from OTS, S.A., or ETC $1.10 TT-64-13807

Trans. of Khimicheskoe Mashinostroenie (USSR) 1960 [v. 2] no. 1, p. 9-11.

(Engineering--Chemical, TT, v. 12, no. 2)

TT-64-13807

I. Planovskii, A. N.
II. Bulatov, C. N.
III. TRG-IS-278 (R)
IV. United Kingdom Atomic Energy Authority, Risley (England)

S6264

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Planovskii, A. N. and Bulatov, C. N.
CALCULATION OF THE SEPARATING CHAMBER OF COLUMN EXTRACTORS WITH PERFORATED PLATES
A. G. Hamlin, tr. 1963 [5p] 2refs TRG Information Series 278 (R).
Order from OTS, SLA, or ETC $1.10 TT-64-13807

Trans. of Khimicheskoe Mashinostroenie (USSR) 1960 [v. 2] no. 2, p. 9-11.

(Engineering--Chemical, TT, v. 12, no. 2)

TT-64-13807

I. Planovskii, A. N.
II. Bulatov, C. N.
III. TRG-IS-278 (R)
IV. United Kingdom Atomic Energy Authority, Risley (England)

50263

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Kinetics of the Process of Continuous Adsorption
in a Fluidized Bed, by A. N. Planovskiy, L. A.
Vlasenkov, 12 pp.

RUSSIAN, per, Khim Tekhnol Topliv i Masel, Vol III,
No 9, 1958, pp 7-13.

BLA 59-15009

Sci - Chemistry
Nov 59

103,308

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Planovskii, A. N. and Bulatov, S. N.
ANALYTICAL CALCULATION OF THE NUMBER OF EFFECTIVE PLATES OF COLUMNAR MASS TRANSFER EQUIPMENT. Jan 63 [6]p. 4 refs.
Order from ICE in v. 3, no. 1, $15.00/year

Trans. of Khimicheskaya Promyshlennost' (USSR) 1962, no. 8, p. 592-[595].

DESCRIPTORS: *Towers (Chemistry), Absorption, *Mass transfer, Mathematical analysis, *Chemical engineering.

(Engineering--Chemical, TT, v. 9, no. 6)

63-12693

1. Title: Sieve plates
I. Planovskii, A. N.
II. Bulatov, S. N.
III. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Planovskii, A. N., Bulatov, S. N., and Vertuzaev, E. D.
CALCULATION OF COLUMN EXTRACTORS WITH SIEVE PLATES. Jan 63 [5]p. 3 refs.
Order from ICE in v. 3, no. 1, $15.00/year

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR) 1962, no. 5 [p. 364-367].

DESCRIPTORS: *Towers (Chemistry), Design, Mathematical analysis, *Chemical engineering.

(Engineering--Chemical, TT, v. 9, no. 6)

63-12682

1. Title: Sieve plates
I. Planovskii, A. N.
II. Bulatov, S. N.
III. Vertuzaev, E. D.
IV. International Chemical Engineering, New York

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Effect of Velocity of Vapour on Partial Mass-Transfer Coefficients in the Vapour and Liquid Phases in Rectification in Plate Columns, by B. N. Orlov, A. M. Planovskiy.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol VI, No 3, 1961, 1 pp 7-10.

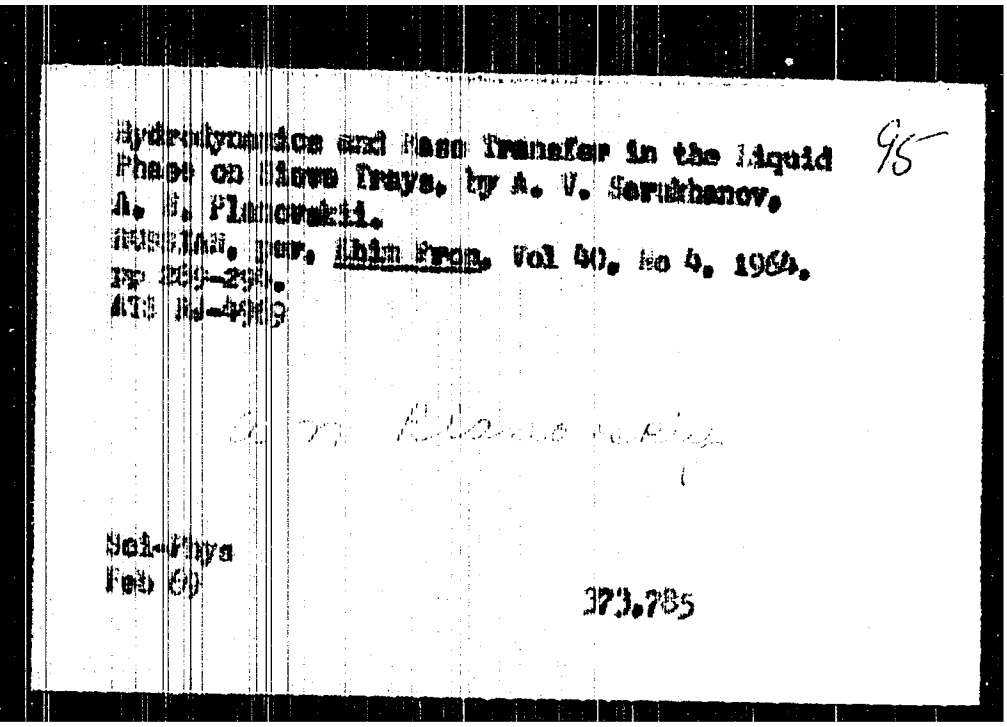
MLL M 3884

125,345

Sci - Chem
Mar 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



Hydrodynamics and Mass Transfer in the Liquid Phase on Sieve Trays, by A. V. Serukhanov, A. S. Plankovskii.
[illegible], Zhur. Khim Prom, Vol 40, No 4, 1964.
pp 269-274.
ATS No 4[illegible]

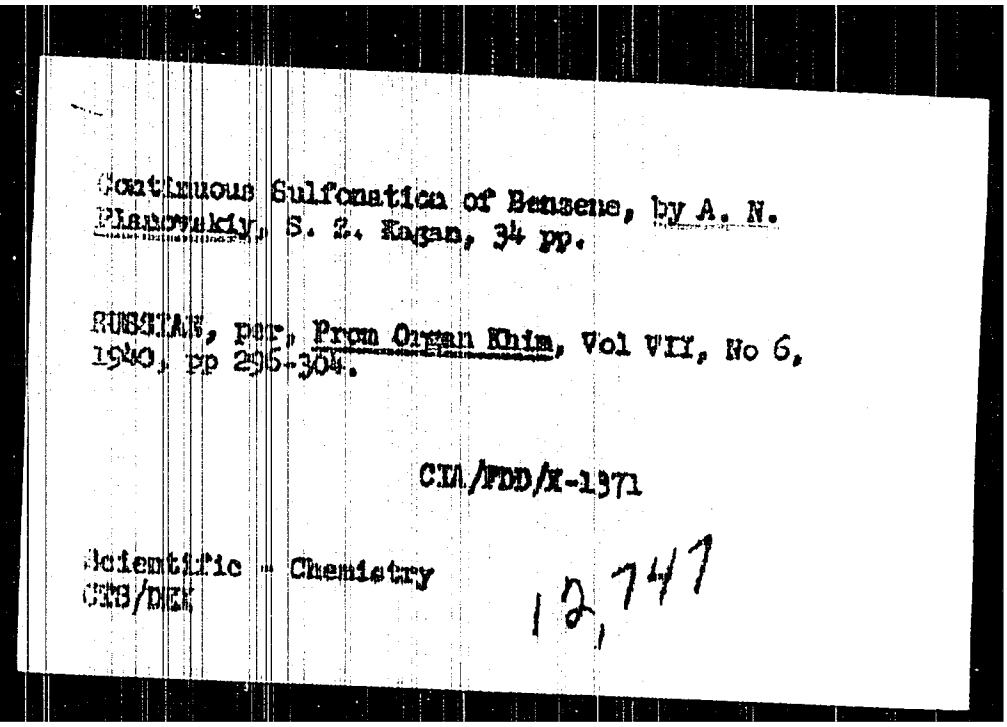
95

Sol-Phys
Feb 69

373.785

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



Continuous Sulfonation of Benzene, by A. N. Plaonovskiy, S. Z. Kagan, 34 pp.

RUSSIAN, per, Prom Organ Khim, Vol VII, No 6, 1940, pp 295-304.

CIA/FDD/K-1971

Scientific - Chemistry
CHB/DEK

12,747

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Kinetics of the Process of Continuous Ab[illegible]
in a Fluidized Bed, by A. P. Planovskiy, I. N.
N Vlasenkov, 12 pp.

[illegible], par, Khim i Tekh Topliv i Masel [illegible]
Vol III, No 9, 1958, pp 7-13.

SLA 59-15069

SNA
Dec 59
Vol 2, No 4

102,777

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Study of Mass Transfer in the Dissolving of a Solid Stage in a Liquid, by S. Ya. Gzovsky, A. M. Planovsky. UHCL

RUSSIAN, per, Khim Prom, No 6, 1957, pp 363-365.

DSIR LLU M.859

(Loan)

Sol. - Chem
Mar 60

111/141

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Kinetics of the Conversion of Methanol Into Formaldehyde on a Fluidized Silver Catalyst, by I. P. Planovskaya, & K. V. Topchieva, 10 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 3, 1961, pp 408-417.

AT5-9-5-CB

Sci

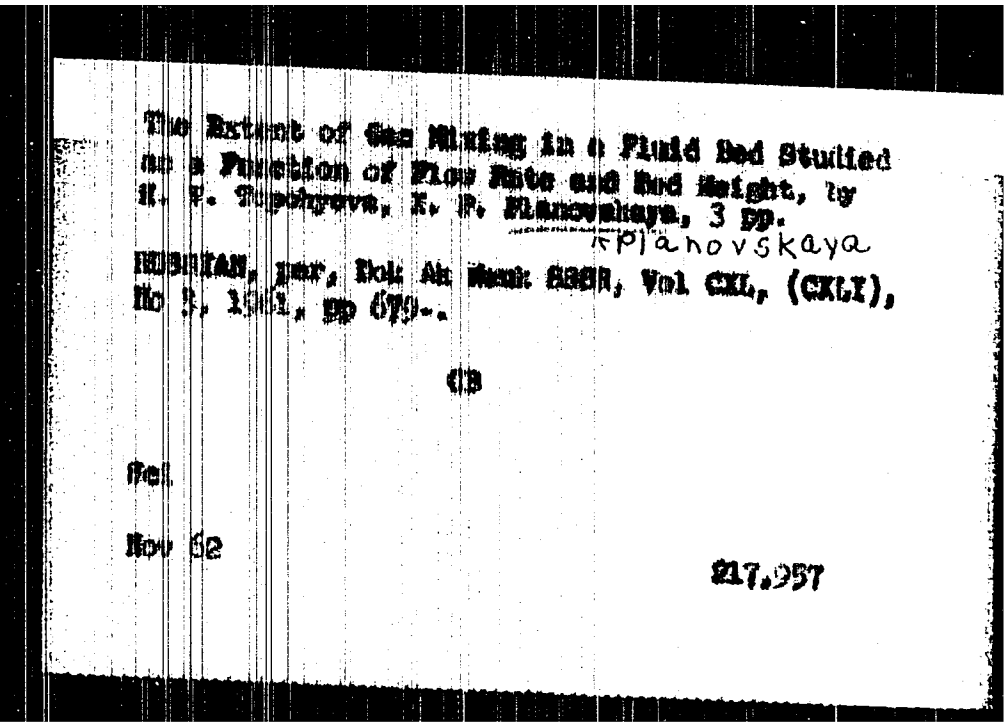
201,270

7

Jun 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



The Extent of Gas Mixing in a Fluid Bed Studied as a Function of Flow Rate and Bed Height, by M. P. Tsybrova, K. P. Plancvskaya [Planovskaya], 3 pp.

KHIMIYA, Zhur, Rol: Ab Mash: SSSR, Vol CXL, (CXLI), No 2, 1961, pp 679-.

CB

Tel

Nov 62

217,957

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Optimum Conditions of Operation of Packed Extraction Columns, by V. V. Kafarov, M. A. Ent Planovskaya, 9 pp.

Full translation.

RUSSIAN, per, Zhur Prik Khim, Vol XXIV, No 12, Dec 1951, pp 1125-1133.

Consultants Bureau

USSR

Scientific - Chemistry, optium,

1921

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Hydrodynamics of Packed Extraction Columns, by V. V. Kafarov, M. A. Planovskaya, 10 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XXIV, No 6, USSR, Jun 1951, pp 624-634.

Consultants Bureau Vol 24, June 1951

USSR
Scientific - Chemistry

AF 41660

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

36

Steady-State Performance of Gas Distributors in Apparatus With a Fluidized Bed, by B. Ustinov, A. Pinczuk.
RUSSIAN, per, Chemical Industry USSR, No 11, 1962, pp 851-854.
CSIRO/No 6673

Sci - Chem
Jul 64

262,558

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Great Possibilities for Technical Progress, by A. Planovskiy, O. Korsunskiy, 5 pp. UNCLASSFIED

RUSSIAN, np, Prom Ekon Gazeta, No 355, 7 May 1958, pp 2-3, col 1-7, 1-5, Encl to IR-1541-58, AFCIN-1A1.

Aug 58

AF 1189056

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Calculation of the Separating Chamber of [illegible] Extractors With Perforated Plates, by A. N. Planovskiy, G. N. Bulatov, 4 pp.

RUSSIAN, Neft' i Maslobaznaye Mashinostroyeniye, Vol III, 1950, pp 9-11. 950724

ARO/WPAFB Intgr Ser
278 (R)

852,199

Sci - Engr

May 53

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Relationship Between Mass Transfer and Liquid Resistance on Bubble-Cap and Sieve Trays, by A. N. Planovskiy, et al.

RUSSIAN, per, Khim i Tekhnol Topliva i Masel, Vol III, No 3, 1958, pp 30-33.

ATS RJ-1291

Sci - Chem
Apr 60

114 558

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

On the Continuous Sulfonation of Benzene, by A. N. Planovskiy, S. E. Magan, 5 pp.
[redacted],
[redacted] per, Org Khim Prom, Vol VII, 1940, pp 300-301.

SLA R-2771

Sci - Chem

Jun 59

89,579

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Sodium Reactor Loop on Irradiation of a Fissile Needle,
by Blanquart.
FRENCH, rpt, Grenoble, Oct 1964.
*AEC-ORNL

p 99

Scl-NS
mar 65

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plantenida, M.

The Antigenicity of Phosphorylated F tty Acid Glycerides.

SERVO-CROATIAN, per, Acta medica Iugoslavica, 1952, VI, 2-3, pp. 154-162.

*PL 480
OTS 61-11260

1961

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Electrical Connections by Contact of Ordinary
Aluminium Copper Conductors, by P Plante
FRENCH, per Bull Soc fr Electns, Vol 9, 1959
pp 504-516
GB 1953/1356

P. PLANTE

Sci -
Aug 67 339-370

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Evaluation of Observations, by E. E. de Kock, F. J. Plantema.

DUTCH, per, N.L.L.Rep, (S.361), Nov 19 1949, 62 pp.

TPA3/TIB Tr No T 3930

Scientific - evaluation, observations

Index Aeronauticus

A 02447

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Planus, Paul.
THE ENGINEER AND MEN. [1963] [8p]
Order from SLA $1.10 TT-64-10043

Trans. of Travail et Méthodes (France) 1951, no. 38, Feb, p. 13-16.

DESCRIPTORS: *Engineering personnel, *Industrial psychology, Behavior, Leadership.

(Behavioral Sciences--Personnel, TT, v. 11, no. 4)

TT-64-10043

I. Planus, P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Existence of Metakaolin, by J. Planz, H. Muller-Hesse.
GERMAN, per, Deutsche Keramische Gesellschaft,
Vol. 40, No. 3, 1963, pp 186-190.
CSIRO/No. 6639

J PLANZ

Sci -
July 1967

334,022

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Etudes du comportement des produits auxiliaires, pour la fabrication du cuir, a l'aide de substances marquees, by R. Heyden, J. Plapper, et al, 31 pp. GERMAN to FRENCH, per, Das Leder, Vol VII, No 5, 1956, pp 1-9.

Reverse Translation
CEA-A-1700

Sel
Nov 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Changes in the Electrocardiogram Produced by Repeated Flights in Pressurized Cabins Specifically Cabins at Constant Differential Pressure, by P. Plan, J. Bourdinaud, 7 pp.

FRENCH, qu per, La Medecine Aeronautique, Vol VIII, No 1, First Quarter 1953, pp 5-10. CIA D 538512

ATIC F-TS-8787/V

Sci - Medicine

36,938

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Respective Value and Pathogenic Significance of the Work Test, the Flack Test, and the Anoxemia Test, by F. Plan, J. Bourdinaud, 8 pp.

FRENCH, Pub per, La Medecine Aeronautique, Vol VI, No 1, First Quarter 1951, pp 33-39.
CIA D 38510

ATIC F-TS-8785/V

Sci - Medicine

36,937

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Pathological Significance of Certain Disturbances in Cardiac Rhythm, by F. Plas, A. Misenard, J. Bourdinaud, 5 pp.

FRENCH, qu por, La Medecine Aeronautique, Vol VIII, No 1, First Quarter 1953, pp 17-21. CIA D 538512

ATIC F-TS-8767/V

Sci - Medicine

36,940

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Apnea Test After Forced Expiration Controlled by The Milliken Oxymeter Studies of Cardiovascular Reactions During the Test, by F. Plas, J. Bourdinaud, 7 pp.

FRENCH, qu per, La Medecine Aeronautique, Vol VIII, No 1, First Quarter 1953, pp 11-16. CIA D 38512

ATIC F-TS-8787/V

Sci - Medicine

36,939

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Reaction of the Left Heartto Anoxemia and Work Tests, by F. Plas, L. Tabsse, J. Bourdinaud, 5 pp.

FRENCH, qu per, La Medecine Aeronautique, Vol VIII, No 1, First Quarter 1953, pp 27-30.
CIA D 538512

ATIC F-TS-3787/V

36,936

Sci - Medicine

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Testing the Right Heart by the Controlled Expiratory Positive Pressure Test, by J. Celice, F. Plas, J. Rimbert, J. Bourdinaud, 5 pp.

FRENCH, qu per, La Medecine Aeronautique, Vol VIII, No 1, First Quarter 1953, pp 23-26.
CIA D 58512

ATIC F-TS-8787/V

36,935

Sci - Medicine

Aug 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Clinical Research on the Subject of a Test on Aviator's Fatigue, by R. Monjaume, P. Plas, G. and J. Vandeaux, J. Bourdiaud, A. Mesmard and R. LeFebvre, 6 pp. UNCLASSIFIED

Full translation.

FRENCH, Center of Medical Examination of Navigator Personnel and Selective Service and Professional Orientation of the Air Force (French), Paris, France.

NAVY Tr 558/Bu Med

A982

Sci - Aeronautics Apr '48 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Against the Revisionist Viewpoints in Connection With the Leadership Role of the Marxist-Leninist Party, by M. Plasari, 11 pp.

ALBANIAN, per, Rruga e Partise, No 7, Jul 1958, Tirana, pp 12-20.

US JPRS/DC-L-784

EE - Albania
Pol
Sep 58

74,933

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Great October Socialist Revolution and Albania, by M. Pleasant, 15 pp. (Bul EEur Pol Trans, 14)

ZIRIMTARI, no por, Kruga e Partise, Vol IX, Sep 1967, Tirana, pp 55-68.

CIA/FDD Tr 688

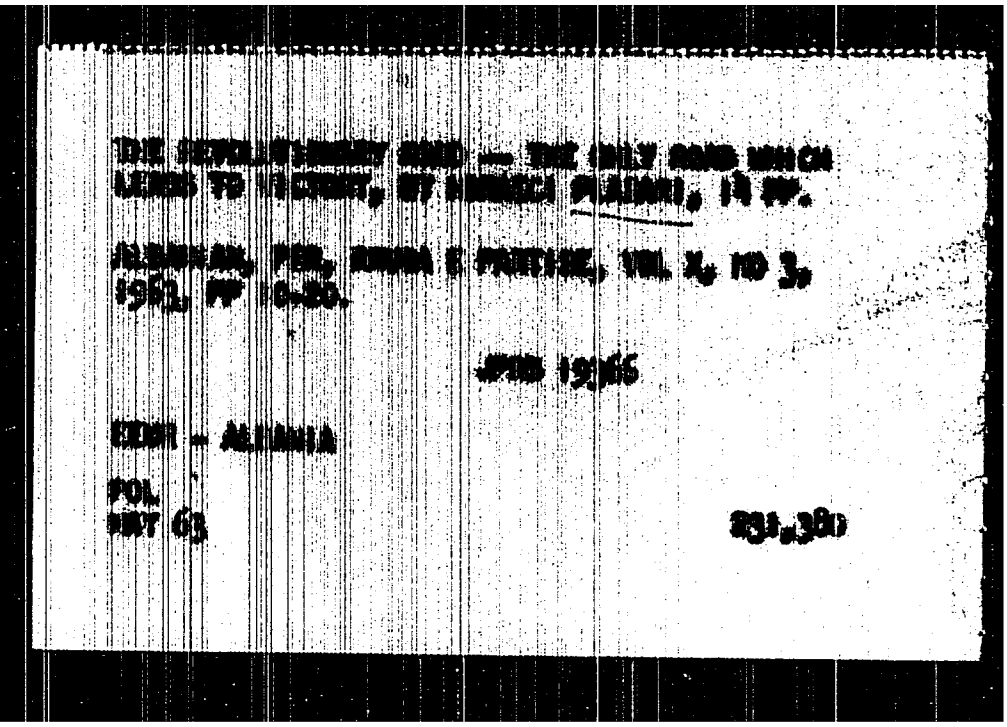
56,856

EEur - Albania

Pol

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

'The Steel-Like Unity of the Albanian [illegible] People Around the Albanian Workers Party in the Struggle For National Liberation and Socialism, by Mdreci Plasari, 11 pp.

ALBANIAN, per, Rruga e Partise, Vol IX, No 9, 1962, pp 7-16.

JPRS 15837

216,989

[illegible] - Albania
Pol
Oct 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(DC-2200)

THE GREAT PATRIOTIC STRUGGLE OF THE SOVIET UNION, A DECISIVE FACTOR IN THE VICTORY OVER FASCISM, BY NDRECI PLASARI, THANAS LECI, 16 PP.

ALBANIAN, PER, RRUGA E PARTISE, VOL IX, NO 6, JUN 1962, PP 20-31.

JPRS 14828

EEUR - ALBANIA
POL
AUG 62

209,006

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(DC-3400)

The 20th Anniversary of First Assembly of Akrivs of the Albanian Communist Party, by Ndreci Plasari, 19 pp.

ALBANIAN, per, Rruga e Partise, No 4, 1962, pp 51-60.

JPRS 13837

EDur - Albania
Pol
May 62

195,904

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(DC-6)

Leninism Is Our Victorious Arm, by Koraci Plasari, 25 pp.

ALBANIA, per, Rruga e Partise, No 1, 1962, pp 10-22.

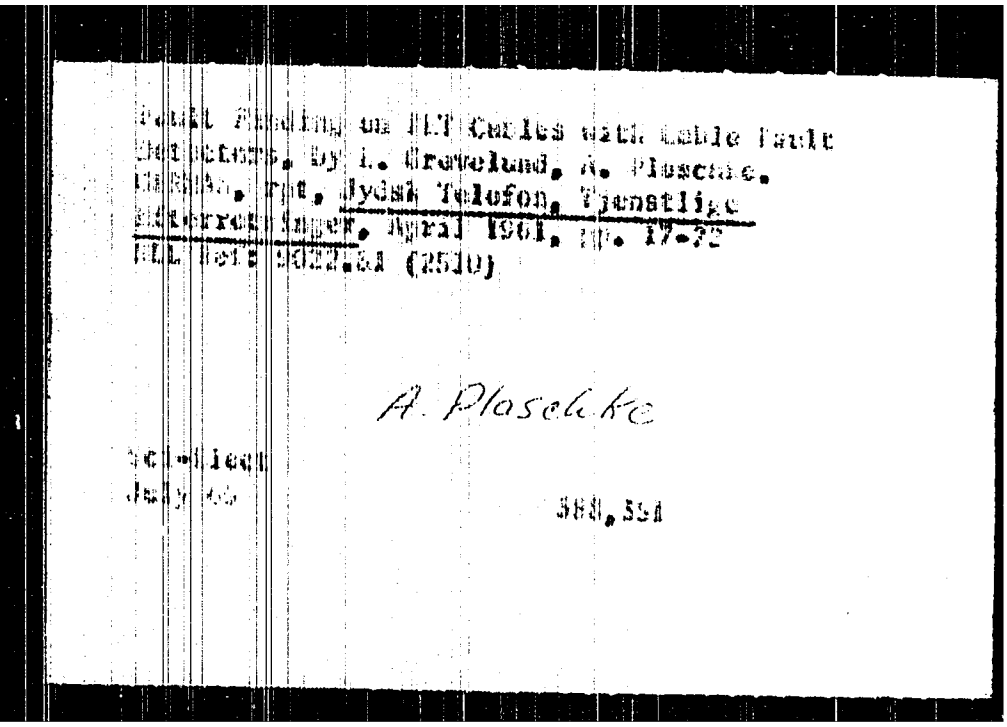
JPRS 12833

Edur - Albania
Pol
Mar 62

189,636

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



Pulse Reading on HT Cables with Cable Fault
Detectors. By L. Grovelund, A. Plaschke.
[illegible], Tgt, Nydsk Telefon, Tjenstlige
Meddelelser, April 1961, pp. 17-32
DLC Refs 383.61 (2510)

A. Plaschke

[illegible]
July [illegible]

388.551

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Methods for the Measurement of Very
High Electric Resistances and
of Low Capacitances, by M. T. Plasencia.
FRENCH, pub. Rev Gen Elec, Vol LX, No 5,
May 1951, pp 209-212.
NASA TT F-8792

M. T. Plasencia

U. S. GOVERNMENT USE ONLY
Sci-Elec
Jul 60

306,544

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Herpangina: A New Ens Morbi Preliminary Communication, by Dr. Gustavo Cardelle, ~~XXX~~ Dr. Francisco Cao, Dr. Juan Erbil, Jr., Mr. Rafael Plasencia, 17 pp.

Full translation.

SPANISH, per, Archivos de Medicina Infantil, Vol XXI, No 4, 1952, pp 3-15.

CIA/FDD/X-928

Scientific - Medicine Jul 53 CTS/DEX

3537

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Ground Water Regime in Pine Plantations in the Donets Steppe, by A. V. Plashchev, 5 pp.

RUSSIAN, per, Pochvovedeniye, No 2, 1963, pp 105-109.

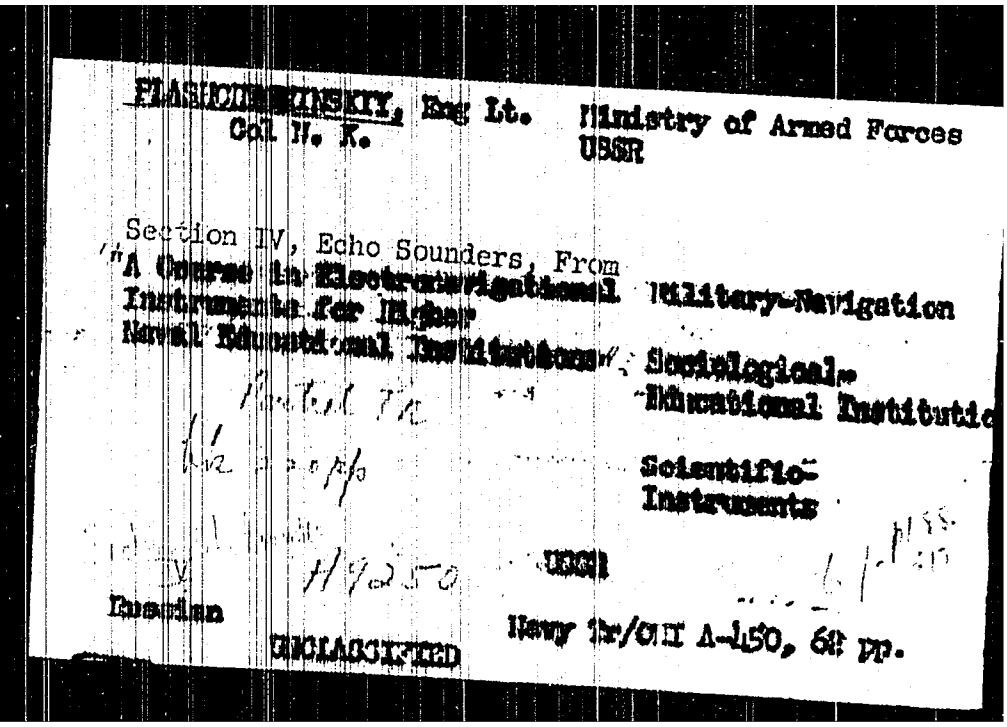
Scripta Technica

Sci
Jun 64

259,875

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



FLASHCHENNIKOV, Eng. Lt. Col. M. K.

Ministry of Armed Forces USSR

Section IV, Echo Sounders, From "A Course in Electronavigational Instruments for Higher Naval Educational Institutions"

Military-Navigation

Geological-

Educational Institutio

Scientific-Instruments

USSR

Russian

UNCLASSIFIED

Navy Tr/OTI A-450, 68 pp.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

(FDD 26393)

Course on Navigational Instruments 1949, by N. K. Plashchinskiy, 13 pp.

RUSSIAN, bk, Kurs Elektronavigatsionnykh Priborov 1949, Moscow, pp 39, 40, 60, 61, 80, 81.

CIA/FDD U-0533

38,125

USSR

Gol - Engineering, gyrocompass

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Aging of Ceramic Dielectric Insulation at High-Frequency Voltages, by I. E. Balygin, N. T. Plashchinskiy, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 8, 1958, pp 1692-1695.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys
Mar 59

83,505

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Electrical Conductivity of Ceramic Materials in Strong Electric Fields, by I. S. Balygin, N. T. Plashchinskiy, 7 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVII, No 1, Jan 1957, pp 138-146.

Amer Inst of Phys
Sov Phys, Tech Phys
Vol II, No 1

56,926

Sci - Phys

Jan 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Experience in Partial Medical Processing of those Arbitrarily afflicted by Bacterial Agents at the Medical Aid Station, by A. S. Plashkevich

RUSSIAN, mo per, Voyenno Med Zhur, No 1, Moscow, Jan 1961, pp 19-21

US JPRS 9169

150/297

Sci
Mar 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Polarographic Determination of Cadmium in Lead and Copper Ores, by Z. Plasil, D. Weiss.
CZECH, per, Rudy (Prague) Vol. 5, 1957, pp 1-4
GB/152

Z. PLASIL

Sci
Aug 57

336-080

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Nuclear Reaction (gn, n) for the Determination of Certain Elements in Solution, by I. N. Plaskin, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 2, 1961, pp 423-426.

U.K. Atomic Energy Authority
Risley, TRC Inf Ser 129(W)

Sci - Chem
Jul 62

202,109

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

CHANGES IN THE FLOTATION PROPERTIES OF SULPHIDE SURFACES AS A RESULT OF THE ACTION OF GASES AND REAGENTS, BY I. N. PLASKIN, ET AL.

RUSSIAN, PER, TRUDY INSTITUTA GORNOGO DELA AK NAUK SSSR, VOL 11, 1955, PP 193-205.

ALL RTS 1936

SC1 - EDGR

JUN 62

199,958

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

On the Mechanism of Action of Certain Reagents and the Aeraction of the Pulp During Coal Flotation, by V. I. ~~KH~~ Klassen, I. N. Plaskin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 3, 1954, pp 62-71.

MLL M. 4257

Sci - Min/Metals

194, 215

May 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Study of the Interaction of Reagents With Minerals Dur:ing Flotation by Microautoradiograph Method, by I. N. Plaskin, et al.

RUSSIAN, mo per, Zavod Lab, No 3, Mar 1957.

Primary Sources
$6.50

Sci - Physics
Aug 57

50,874

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Use of a mixture of Methyl and High-Molecular Xanthates in Flotation, by I.N. Plaskin, E. A. Anfimova.
RUSSIAN, per. Izv Akad Nauk SSSR Mat Gornoe Delo, No 1, 1964, pp 8-184
CSL/T 1760

I.N. PLASKIN

Sci -
Sep 67 340,225

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Hydrometallurgy. The Technology of Hydrometallurgical Processes, by J. N. Plaskin and D. M. Yakhtanov, 49 pp.

RUSSIAN, manuscript, Haifa, Mar 1955.

SIA R-1522

Sci

Aug 58

71,701

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Technology of Hydrometallurgical Processes,
by I. N. Plaskin and D. N. Fukstanov, 50 pp.

RUSSIAN, manuscript, (Paragraphs 4,6,7,8,10),
No Journal Cited.

ASAE-3557

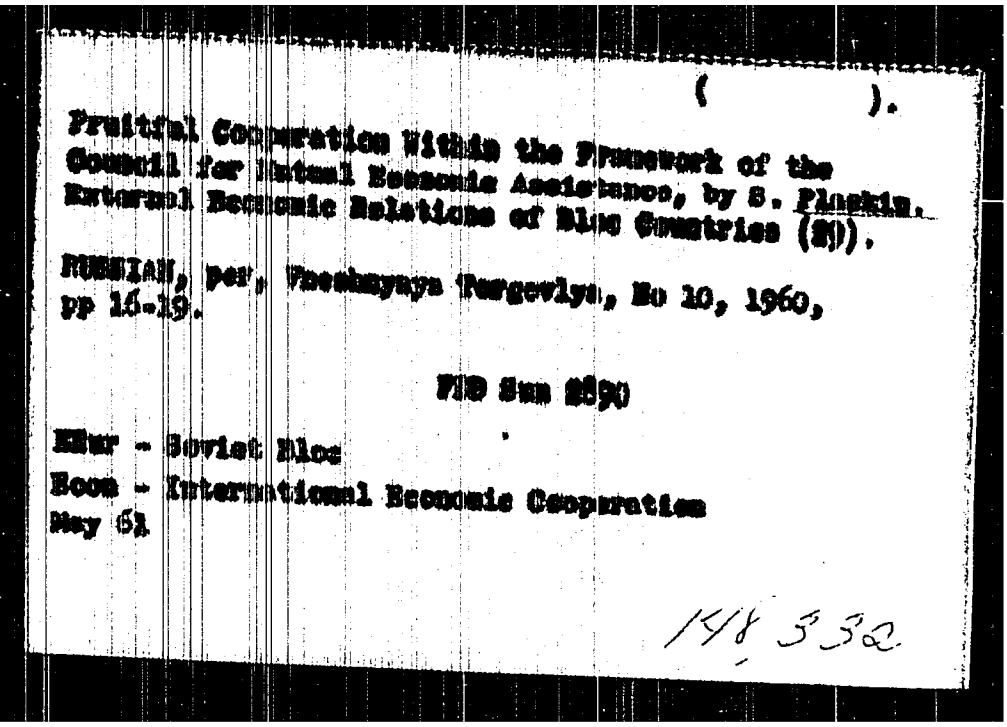
Sci

Aug 58

71,742

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



( ).

Fruitful Cooperation Within the Framework of the Council for Mutual Economic Assistance, by S. Plyshin. External Economic Relations of Bloc Countries (S)).

RUSSIAN, per. Vneshnyaya Torgovlya, No 10, 1960, pp 16-19.

FSD Sum 2890

KEwr - Soviet Bloc
Econ - International Economic Cooperation
May 61

148 332

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

PNEUMATIC OR ELECTRICAL SYSTEM IN THE CHEMICAL INDUSTRY, BY ANDRZEJ PLASKOWSKI, 5 PP.

POLISH, PER, PRZEMYSL CHEMICZNY, NO 7, 1962, PP 348-349.

JPRS 15358

EEUR - POLAND
ECON
OCT 62

212,190

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

TEN YEARS OF THE BASIC M CHEMICAL SYNTHESIS INDUSTRY 1951-1960, BY WLADYSLAW PLASKURA, ZOLZISLAW LADOWSKI, 10 PP.

POLISH, PER, PRZEMYSL CHEMICZNY, NO 7, 1962, PP 345-348.

JPRS 15358

EEUR - POLAND
ECON
OCT 62

212,191

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Process and Device for Molding Plastic Material Receptacles, by Buzelin, Pierre, and Plasticomaiva, 9 pp.

FRENCH, French Patent No 1,029,586.

US Dept of Commerce
Patent Office
Sci Lib (gift)

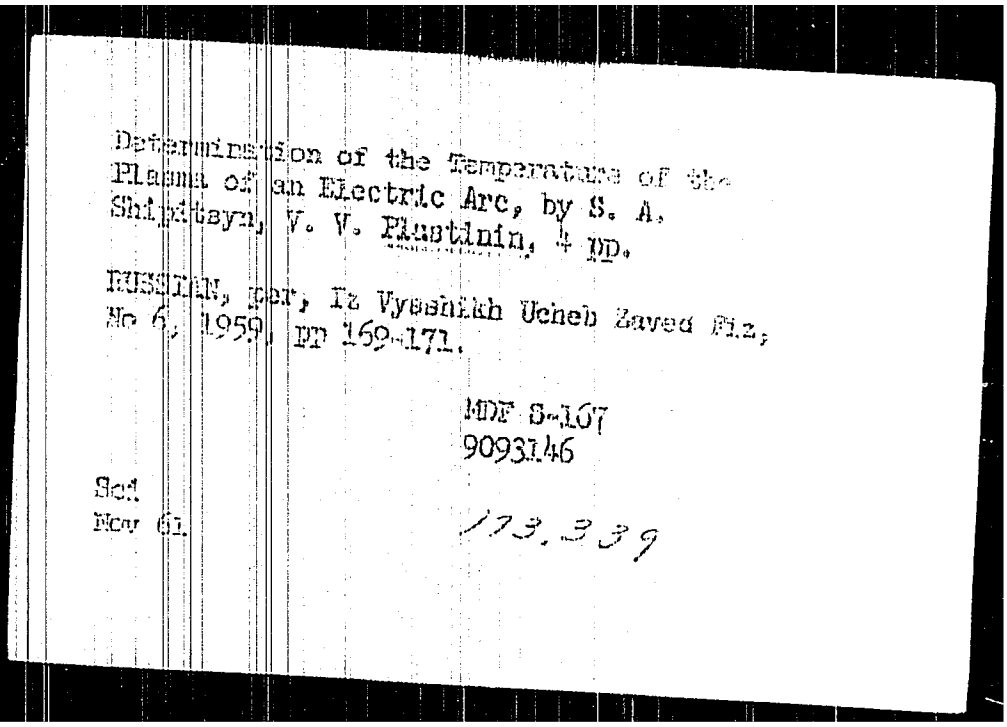
Sci - Engineering

46,666

Apr 57 CRS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4



Determination of the Temperature of the Plasma of an Electric Arc, by S. A. Shipitsyn, V. V. Plastinin, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Fiz, No 6, 1959, pp 169-171.

MDF S-167
9093146

Sci
Nov 61

173,339

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Spectral Analysis of Micas, by V. V. Plashkin,
3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 5, 1959,
pp 577-579.

S/[illegible]-23736
Consultants Bureau
119,245

Sci-Chem

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

The Preparation of Organosilicon Derivatives of Bicyclo-(2,2,1)-Heptane, by A. D. Petrov, A. F. Plate, E. A. Chernyshev, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961, pp. ~~1193—1200~~ 1197 – 1208

CB

196,693

Sol
Apr 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Condensation of Cyclopentadiene with Aliphatic Dienes. III. Isomerization of 2-Vinyland 2-(α-propenyl)bicyclo (2.2.1) heptene-5 to the 4,9,7,8-Tetrahydroindene System, by A.F. Plate, N.A. Belikova, 3pp.

RUSSIAN, per Zhur Obshch Khim,
Vol. XXXI, No.1, 1961, pp. ~~129-130~~ 131-135

CB

Sic

Mar 62

192,261

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F. and Batuev, M. I.
SIMULTANEOUS CATALYTIC CONVERSION OF CYCLOPENTENE TO CYCLOPENTANE AND TO CYCLOPENTADIENE. [1961] 7p. 6 refs.
Order from OTS or SLA $1.10 61-20120

Trans. of Zhurnal Obshchei Khimii (USSR) 1946, v. 16 [no. 6] p. 805-810.
Another trans. is available from LC or SLA mi$1.80, ph$1.80 as 61-13632, DSIR LLU M. 2137 [1960] 5p.

DESCRIPTORS: *Cyclopentenes, Chemical reactions, *Cyclopentanes, *Cyclopentadiene, Synthesis, Chromium catalysts, Catalysis, Pentenes, Pentanes.

For abstract see Technical Translations 5: 122, 1961.

(Chemistry--Organic, TT, v. 6, no. 11)

61-20120

I. Plate, A. F.
II. Batuev, M. I.

Office of Techeical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F. and Tarasova, G. A.
FORMATION OF AZEOTROPIC MIXTURES OF OLEFINS WITH PRIMARY ALCOHOLS IN SYNTHESIS OF OLEFINS USING ORGANOMAGNESIUM COMPOUNDS. [1961] 6p. 9 refs.
Order from OTS or SLA $1.10 61-18006

Trans. of Akademiya Nauk SSSR. Otdalenie Khimicheskikh Nauk. Izvestiya, 1941, no. 1, p. 201-205.

DESCRIPTORS: *Alcohols, Synthesis, *Ethylenes, *Mixtures, Oxidation, Hydrolysis, Fractionation, Hydrocarbons, Magnesium compounds.

In synthesis of olefins from alkylmagnesium halides and allyl chloride, a primary alcohol is formed by oxidation of alkylmagnesium halide followed by hydrolysis of the obtained alcoholate. This alcohol forms with the synthesized olefin an azeotropic mixture with a minimum boiling point. Thus, 1-heptene forms with
(Chemistry--Organic, TT, v. 6, no. 9) (over)

61-18006

I. Plate, A. F.
II. Tarasova, G. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F., Mel'nikov, A. A., and Ovezova, A. A. OXIDATION OF OLEFINS WITH PERFORMIC ACID. [1960] 5p.
Order from ATS $6.00 ATS-94M43R

Trans. of *Zhur[nal] Obshchey Khim[ii] (USSR) 1960, v. 30, no. 4, p. 1256-1258.

(Chemistry--Organic, TT, v. 5, no. 6)

61-12309

1. Ethylenes--Oxidation
2. Formic acid--Chemical reactions
I. Plate, A. F.
II. Mel'nikov, A. A.
III. Ovezova, A. A.
IV. ATS-94M43R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Platé, A. F. and Tarasova, G. A.
PREPARATION OF p-CYMENE FROM SULFATE TURPENTINE. [1961] 5p. 15 refs.
Order from OTS or SLA $1.10 61-18232

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1944, v. 17, p. 576-579.

DESCRIPTORS: *Cymenes, Catalysts, Toluenes, *Turpentine, *Sulfate pulp, Chemical analysis.

Conversions of sulfate turpentine were investigated at 380-520° in the presence of mixed catalysts containing chromic oxide of molybdenum oxide carried on alumina and also in the presence of a synthetic aluminosilicate. In the presence of the first two of these catalysts a yield of the cymene fraction was obtained at 400° reaching 60% on the turpentine or 77% when calculated on α-pinene and Δ^3-carene contained in the (Engineering--Chemical, TT, v. 6, no. 12) (over)

61-18232

I. Platé, A. F.
II. Tarasova, G. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F. and Tarasova, G. A.
MECHANISM OF CONTACT CONVERSIONS OF HYDROCARBONS ON A VANADIUM CATALYST. II. KINETICS OF CYCLIZATION OF NORMAL HEPTANE [Mekhanizm Kontaktnykh Prevrashchenii Uglevodorodov na Vanadievom Katalizatore]. [1961] 7p. 17 refs.
Order from OTS or SLA $1.10 61-16981

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13 [no. 1/2] p. 36-40.

DESCRIPTORS: *Hydrocarbons, *Heptanes, Cyclohexane, Dehydrogenation, Vanadium catalysts, Monocyclic compounds.

It was established that the total reaction of dehydrogenation of normal heptane on vanadium catalyst follows the Arrhenius equation and that the apparent energy of activation of this reaction is 41,100 cals per (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16981

1. Title: Contact conversion
I. Plate, A. F.
II. Tarasova, G. A.
III. Title: Kinetics...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F. and Tarasova, G. A.
MECHANISM OF CONTACT CONVERSIONS OF HYDROCARBONS ON A VANADIUM CATALYST. I. CONTACT CONVERSIONS OF NORMAL HEPTANE [Mekhanizm Kontaktnykh Prevrashchenii Uglevodorodov na Vanadievom Katalizatore]. [1961] 15p. 26 refs.
Order from OTS or SLA $1.60 61-16982

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13, [no. 1/2] p. 21-35.

DESCRIPTORS: *Hydrocarbons, *Heptanes, Dehydrogenation, Vanadium catalysts, Monocyclic compounds.

Dehydrogenation of normal heptane on the vanadium trioxide-alumina catalyst was investigated within the temperature interval of from 440 to 510°. The velocity of the total reaction of dehydrogenation was indicated by the amount of gas (hydrogen) liberated per 3 minutes, and it was established that the change of the
(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16982

1. Title: Contact conversion
I. Plate, A. F.
II. Tarasova, G. A.
III. Title: Contact...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F. and Sterligov, O. D.
MECHANISM OF CONTACT CONVERSIONS OF HYDROCARBONS ON A VANADIUM CATALYST. III. CONTACT CONVERSIONS OF ETHYLCYCLOPENTANE [Mekhanizm Kontaktnykh Prevrashchenii Uglevodorodov na Vanadievom Katalizatore. III. Kontaktnye Prevrashcheniya Etiltsiklopentana]. [1961] 12p. 27 refs. Order from OTS or SLA $1.60 61-16980

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13 [no. 3] p. 202-212.
Another translation is available from SLA as RT-3858.

DESCRIPTORS: *Hydrocarbons, *Cyclopentanes, Hydrogenation, Dehydrogenation, Vanadium catalysts, Ethyl radicals, Monocyclic compounds.

Dehydrogenation of ethylcyclopentane on a vanadium catalyst was investigated between 440 and 500°. On this catalyst ethylcyclopentane undergoes a number of conversions, among which the following were so far estab-
(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16980

1. Title: Contact conversion
I. Plate, A. F.
II. Sterligov, O. D.
III. Title: Contact...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F., Sterligov, O. D., and Bazhulin, P. A. HYDROCARBONS OF THE SERIES OF CYCLOPENTANE WITH A DOUBLE BOND IN THE SIDE CHAIN: 4-CYCLOPENTYL-2-BUTENE AND 3-CYCLOPENTYL-1-BUTENE. [1961] 6p. 16 refs.
Order from OTS or SLA $1.10 61-18214

Trans. of Zhurnal Obshchei Khimii (USSR) 1944, v. 14, p. 955-959.

DESCRIPTORS: *Hydrocarbons, *Cyclopentanes, *Butenes, Synthesis, Raman spectroscopy.

Interaction of cylopentylmagnesium chloride with the product of addition of 1 molecule of hydrogen bromide to butadiene forms a mixture of unsaturated hydrocarbons from which 3-cyclopentyl-1-butene was isolated in pure state and 4-cyclopentyl-2-butene as a mixture of its cis and trans isomers. The structure of these olefins was proved by a study of their Raman spectra. (Author)
(Chemistry--Organic, TT. v. 6, no. 7)

61-18214

I. Plate, A. F.
II. Sterligov, O. D.
III. Bazhulin, P. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4

Plate, A. F.

MECHANISM OF CONTACT CONVERSIONS OF HYDROCARBONS ON A VANADIUM CATALYST. V. SIMULTANEOUS HYDROGENATION AND DEHYDROGENATION OF CYCLOOLEFINS (CYCLOHEXENE AND CYCLOPENTENE) [Mekhanizm Kontaktnykh Prevrashcheniĭ Uglevodorodov na Vanadievom Katalizatore]. [1951] 10p. 34 refs.
Order from OTS or SLA $1.10 61-18246

Trans. of Zhurnal Obshchei Khimii (USSR) 1945, v. 15 [no. 3] p. 156-164.

DESCRIPTORS: *Hydrocarbons, *Cyclohexenes, *Cyclopentenes, Hydrogenation, Dehydrogenation, Vanadium catalysts, Monocyclic compounds.

Investigation of the behavior of cyclohexene in the presence of vanadium trioxide on aluminum oxide as a catalyst revealed the diversity and complexity of the conversions occurring, which should be taken into ac- (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-18246

1. Title: Contact conversion
I. Plate, A. F.
II. Title: Simultaneous...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301720074-4